ABSTRACT OF THE DISCLOSURE

Disclosed are systems and methods for creating and distributing programming content carried by a digital streaming media to be a plurality of remote nodes located over a large geographic area to create customized broadcast quality programming at the remote nodes. At the remote nodes, a multi-window screen display simultaneously shows different programming including national programming and local programming content. The remote nodes utilize a remote channel origination device to assemble the customized programming at the remote location that can be controlled from a central location. An encapsulated IP and IP encryption system is used to transport the digital streaming media to the appropriate remote nodes. Also disclosed is a graphical user interface ("GUI") providing a software control interface for creating and editing shows or programs that can be aired or played on a remote display device having a multi-window display. The intuitive GUI Software provides the user the ability to easily manage and assemble a series of images, animations and transitions as a single broadcast quality program to be displayed on a remote display device. Another application software system is capable of automating the production of audio narration reports. The disclosed audio concatenation engine automates the creation of audio narration using prerecorded audio segments to minimize the requirement for live, on-air personnel to record audio narration segments.

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